

EAST Search History**EAST Search History (Prior Art)**

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|------------------|
| L1 | 333 | ((lead adj "less") or (lead adj free) or leadless) same thermoplastic | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2010/04/09 09:11 |
| L2 | 3 | "20030153223" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2010/04/09 11:55 |
| S1 | 3634 | 252/500.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2008/04/02 16:48 |
| S2 | 735 | S1 thermoplastic | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2008/04/02 16:49 |
| S3 | 384 | S2 (zinc or bismuth or tin) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2008/04/02 16:50 |
| S4 | 249 | S3 (copper or (copper adj alloy)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2008/04/02 16:50 |
| S5 | 22 | ("4830779").URPN. | USPAT | AND | ON | 2008/04/02 16:55 |
| S6 | 9 | (4882227 554678 6274070).pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2008/04/02 17:10 |
| S7 | 6 | "554678" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2008/04/02 17:11 |
| S8 | 17 | ("4882227").URPN. | USPAT | AND | ON | 2008/04/02 17:22 |
| S9 | 2480 | 428/407.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2008/04/02 17:47 |

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| S10 | 2689 | 252/511.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2008/04/03 08:50 |
| S11 | 177 | S10 copper (volume adj (resistance or resistivity)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2008/04/03 08:54 |
| S12 | 7 | ("3083169").URPN. | USPAT | AND | ON | 2008/04/03 08:55 |
| S13 | 72 | S11 lead | USPAT | AND | ON | 2008/04/03 08:55 |
| S14 | 49 | S13 thermoplastic | US-PGPUB; USPAT; USOCR | AND | ON | 2008/04/03 08:57 |
| S15 | 4 | ("4404447" "4533685" "4566990" "4604413").PN. | US-PGPUB; USPAT; USOCR | AND | ON | 2008/04/03 09:00 |
| S16 | 2 | "6573322" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2008/04/03 09:13 |
| S17 | 3 | ("4748193" "4776979" "5250585").PN. | US-PGPUB; USPAT; USOCR | AND | ON | 2008/04/03 09:13 |
| S18 | 803 | 524/434.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2008/04/03 09:13 |
| S19 | 92 | S18 lead thermoplastic | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2008/04/03 09:14 |
| S20 | 7 | S19 (volume adj (resistance or resistivity)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2008/04/03 09:14 |
| S21 | 10 | ("3609104" "3746662" "4610808" "5412014" "5538793" "6361716" "6433057" "6465082" "6469090").PN. | US-PGPUB; USPAT; USOCR | AND | ON | 2008/04/03 09:16 |
| S22 | 244 | "4545926" | US-PGPUB; USPAT; USOCR | AND | ON | 2008/04/03 09:19 |
| S23 | 153 | ("4545926").URPN. | USPAT | AND | ON | 2008/04/03 09:19 |
| S24 | 5 | "6182486" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2008/04/03 09:28 |

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| S25 | 6 | ("4450977" "4474685" "5055143" "5193265" "5531851" "6029269").PN. | US-PGPUB; USPAT; USOCR | AND | ON | 2008/04/03 09:34 |
| S26 | 42 | ("4474685").URPN. | USPAT | AND | ON | 2008/04/03 09:35 |
| S27 | 2222 | 252/512.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2008/04/03 09:43 |
| S28 | 38 | S27 copper (volume adj (resistance or resistivity)) lead thermoplastic | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2008/04/03 09:43 |
| S29 | 42 | S27 (volume adj (resistance or resistivity)) lead thermoplastic | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2008/04/03 09:43 |
| S30 | 3 | ("4582661").URPN. | USPAT | AND | ON | 2008/04/03 09:46 |
| S31 | 8 | (thermoplastic bismuth. ab.) (metal\$3 near3 fibers) | US-PGPUB; USPAT; USOCR | AND | ON | 2008/11/24 16:37 |
| S32 | 4 | ("5554678").URPN. | USPAT | AND | ON | 2008/11/24 16:51 |
| S33 | 2 | "6685854" | USPAT | AND | ON | 2008/11/24 16:52 |
| S34 | 6 | "6685854" | US-PGPUB; USPAT; USOCR | AND | ON | 2008/11/24 16:52 |
| S35 | 5388 | 252/500-503.ccls. | US-PGPUB; USPAT; USOCR | AND | ON | 2008/11/24 16:55 |
| S36 | 110 | S35 (((metal\$3 or conductive) near3 fiber) same ("30" or "35" or "40" or "45" or "50")) | US-PGPUB; USPAT; USOCR | AND | ON | 2008/11/24 16:56 |
| S37 | 10 | S36 (thermoplastic.ab.) | US-PGPUB; USPAT; USOCR | AND | ON | 2008/11/24 16:57 |
| S38 | 57 | S36 (thermoplastic) | US-PGPUB; USPAT; USOCR | AND | ON | 2008/11/24 16:57 |
| S39 | 4 | S38 ((low near3 melt\$3) same metal) | US-PGPUB; USPAT; USOCR | AND | ON | 2008/11/24 17:01 |
| S40 | 2666 | (digital near3 image) same (ceramic or glass) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2008/11/25 09:06 |
| S41 | 7 | S40 (screen adj print\$3).ab. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | AND | ON | 2008/11/25 09:06 |

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| S42 | 307 | (digital near3 image) same ((ceramic or glass) same substrate) | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | AND | ON | 2008/11/25 09:07 |
| S43 | 4 | S42 (screen adj print\$3). ab. | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | AND | ON | 2008/11/25 09:07 |
| S44 | 195 | (digital near3 image) same ((ceramic or glass) near3 substrate) | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | AND | ON | 2008/11/25 09:08 |
| S45 | 2 | "20070092295" | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | AND | ON | 2008/11/25 09:12 |
| S46 | 42 | mcp adj "200" | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | AND | ON | 2009/06/25 09:36 |
| S47 | 73 | (leadless or (lead adj (less or free))) near5 thermoplastic | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | AND | ON | 2009/06/25 09:46 |
| S48 | 3 | ("2002/0043398").URPN. | USPAT | AND | ON | 2010/04/01 13:23 |
| S49 | 1 | 10/877092.app. | US-PGPUB; USPAT; USOOR | AND | ON | 2010/04/01 13:27 |
| S50 | 1 | 09/027214.app. | US-PGPUB; USPAT; USOOR | AND | ON | 2010/04/01 13:33 |
| S51 | 7 | ("6342680").URPN. | USPAT | AND | ON | 2010/04/01 13:34 |
| S52 | 278 | (copper adj fiber) same length | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | AND | ON | 2010/04/08 19:25 |
| S53 | 27 | S52 (thermoplastic.ab.) | US-PGPUB; USPAT; USOOR; EPO; JPO; DERWENT | AND | ON | 2010/04/08 19:25 |

4/9/2010 11:58:40 AM

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thermoplastic with metal filler.wsp